

Title (en)  
POLYETHYLENE FILMS

Title (de)  
POLYETHYLENFILME

Title (fr)  
FILMS DE POLYÉTHYLÈNE

Publication  
**EP 3880739 A1 20210922 (EN)**

Application  
**EP 19817049 A 20191113**

Priority  
• US 201862760282 P 20181113  
• US 2019061224 W 20191113

Abstract (en)  
[origin: WO2020102385A1] Films produced with polyethylene blends having improved stiffness and heat sealing are provided herein. The films may have an average MD/TD 1 % secant modulus greater than or equal to about 3300 psi. The films may also have a heat seal initiation temperature at 5 N of less than or equal to about 95°C or a hot tack seal initiation temperature at 1 N of less than or equal to about 95°C.

IPC 8 full level  
**C08J 5/18** (2006.01); **C08L 23/08** (2006.01)

CPC (source: EP US)  
**C08J 5/18** (2013.01 - EP US); **C08L 23/0815** (2013.01 - EP US); **B29C 48/0018** (2019.01 - US); **C08J 2323/08** (2013.01 - EP); **C08J 2423/08** (2013.01 - EP); **C08L 2203/16** (2013.01 - EP); **C08L 2203/162** (2013.01 - US); **C08L 2203/30** (2013.01 - US); **C08L 2205/025** (2013.01 - EP US)

Citation (search report)  
See references of WO 2020102385A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020102385 A1 20200522**; CN 113195603 A 20210730; CN 113195603 B 20230526; EP 3880739 A1 20210922; US 2022025135 A1 20220127

DOCDB simple family (application)  
**US 2019061224 W 20191113**; CN 201980082865 A 20191113; EP 19817049 A 20191113; US 201917309172 A 20191113